

Tactical Data Network



DESCRIPTION

The Tactical Data Network (TDN) augments the existing MAGTF communications infrastructure by forming the communications backbone for MAGTF tactical data systems and the Defense Messaging System (DMS). The TDN system consists of a network of gateways and servers interconnected with one another and their subscribers via a combination of common-user, long-haul transmission systems, along with local area networks (LANs) and switched telephone systems.

OPERATIONAL IMPACT

TDN provides its subscribers with basic data transfer and switching services; access to strategic, supporting establishment, joint, and other-service component tactical data networks; network management capabilities; and, value-added services, such as message handling, directory services, file sharing, and terminal emulation support. It will provide Internet Protocol connectivity for tactical data systems and the DMS.

PROGRAM STATUS

The Marine Corps has fielded 31 TDN gateway and 489 TDN Data Distribution Systems (DDS). TDN Block I is complete.

A Block II modification and upgrade of the TDN Data Distribution System that provides backup and redundancy was fielded in FY 2004 and is complete. A TDN Block III modification/upgrade, which includes a Modular DDS variant, Information Assurance integration, and data storage is currently being fielded in support of the Global War on Terrorism requirements. This initiative will field the remaining TDN Approved Acquisition Objective, as well as replace/refresh legacy systems.

Procurement Profile:	FY 2007	FY 2008
Quantity:		
Gateway upgrades	31	0
Modular DDS variants	150	300
DDS A(V)1s	10	0

Developer/Manufacturer:
General Dynamics Communication Systems,
Taunton, MA